

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

10334 U.S. PTO  
10/17/03

03970 U.S. PTO  
10/663769  
09/17/03

Applicant: Zhonghua ZHOU et al.

Title: TITANIUM DIOXIDE FINE PARTICLES AND METHOD FOR PRODUCING THE SAME, AND METHOD FOR PRODUCING VISIBLE LIGHT ACTIVATABLE PHOTOCATALYST

Appl. No.: Unassigned

Filing Date: September 17, 2003

Examiner: Unknown

Art Unit: Unknown

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Zhonghua ZHOU  
Fumio TOKUOKA  
Yugo ITO  
Tatsuya ISHII  
Shunzo SHIMAI  
Hiroshi YAMAGUCHI  
Hiroyuki KONDO

Enclosed are:

- [ X ] Specification, Claim(s), and Abstract (41 pages).
- [ X ] Formal drawings (8 sheets, Figures 1-14).
- [ X ] Declaration and Power of Attorney (4 pages).
- [ X ] Preliminary Amendment.
- [ X ] Assignment of the invention to TOSHIBA CERAMICS CO., LTD.

- Assignment Recordation Cover Sheet.
- Information Disclosure Statement.
- Form PTO/SB/08 with copies of 5 listed reference(s).
- Application Data Sheet (37 CFR 1.76).
- Claim for Convention Priority with 7 certified Japanese priority documents.

The filing fee is calculated below:

	Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fee Totals
Basic Fee				\$750.00	\$750.00
Total Claims:	27	- 20 = 7	x \$18.00	=	\$126.00
Independents:	12	- 3 = 9	x \$84.00	=	\$756.00
If any Multiple Dependent Claim(s) present:			+ \$280.00	=	\$0.00
			SUBTOTAL:	=	\$1632.00
[ ] Small Entity Fees Apply (subtract ½ of above):				=	\$0.00
			TOTAL FILING FEE:	=	\$1,632.00
Assignment Recordation Fee:			+ \$40.00	=	\$40.00
			TOTAL FEE	=	\$1,672.00

- A check in the amount of \$1,672.00 to cover the filing fee and fee for recordation of Assignment is enclosed.
- The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

By



Richard L. Schwaab  
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Date September 17, 2003

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